

# Saskatchewan Geological Society Lecture

Wednesday, March 29th, 2017

## GARNER RIVER GOLD EXPLORATION PROJECT:

.....from idea to reality.\*\*

Megan Binner, Corrie Davidson, Jordan Gashyna,  
Matthew Nadeau, Lavie Nguyen, Chi Pu & Brayden McDonald

*(abstract & bio's below)*

Department of Geology, University of Saskatchewan

Saskatoon, Saskatchewan

**Artful Dodger, 1631 – 11th Avenue, Regina**

Lunch: 11:45 am

Meeting Talk: 12:15 to ~1:00 pm

For lunch, the cost is:

S.G.S Members: \$15.00

Student Members: \$5.00

Non-members: \$20.00

For those members not having lunch, the talk is free.

Please contact Mike Thomas at [mike.thomas@sasktel.net](mailto:mike.thomas@sasktel.net) or 306-457-7002

by 12:00 pm, Monday, March 27 if you plan on having lunch.

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\*\* Megan, Corrie, Jordan, Matthew, Lavie, Chi, & McDonald will be delivering this talk

4:00 pm on same afternoon / March 29th, at University of Regina

College West, Room CW 237.3

Contact Dr. Tsilavo Raharimahefa at [tsilavo.raharimahefa@uregina.ca](mailto:tsilavo.raharimahefa@uregina.ca) for more information

on this U. of Regina talk.

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## **Abstract**

### ***Garner River Gold Exploration Project – From Idea to Reality***

This gold exploration project was started by six students from the University of Saskatchewan. It originated as an exploration project in an economic geology course, and due to the great potential of the area we staked the claim in October 2016. The claimed area is in the Rice Lake greenstone belt in Manitoba, Canada, which has the highest gold production in Manitoba. Previous studies of the Garner River area show that the dominant lithology is chlorite schist as a result of regional greenschist facies metamorphism. The claimed area has a secondary shear zone that is perpendicular to a nearby anticline, which acts as a structural trap for hydrothermal fluids. The geophysical data shows a magnetic anomaly in the target area, which could be due to the presence of sulphides or a gabbroic body. In the summer of 2017 we plan to stake more claims in the area, and on the existing claim we will do detailed surface mapping, grab sampling, and geophysical surveys. We will be bringing more undergraduate students with us as well as a couple of our professors to assist us in the field work. Future plans will be discussed as well, which include MMI soil sampling as well as using remote sensing to target zones of alteration.

#### ***Biographies***

**Megan Binner** graduated with honours in December 2016 with a Bachelor of Science in Geological Sciences and a minor in Chemistry at the University of Saskatchewan. She also has work experience with the Saskatchewan Geological Survey.

**Corrie Davidson** graduated with honours in September 2016 with a Bachelor of Science in Geological Sciences at the University of Saskatchewan. He is now working as a wellsite geologist at Olson Petroleum.

**Jordan Gashyna** graduated with honours in September 2016 with a Bachelor of Science in Geological Sciences with a minor in Chemistry at the University of Saskatchewan. He also has work experience in gold exploration with Alligator Resources.

**Matthew Nadeau** graduated with honours in December 2016 with a Bachelor of Science in Geological Sciences with a minor in Chemistry at the University of Saskatchewan. He is currently undertaking a Masters of Science related to geochemistry at the University of Saskatchewan.

**Lavie Nguyen** is currently an honours candidate majoring in Geological Sciences and Computer Science at the University of Saskatchewan.

**Chi Pu** graduated in May 2016 with an degree in Geological Engineering with the University of Saskatchewan. He is currently undertaking a Masters of Science in Geological Engineering at the University of Saskatchewan. He also has work experience with Claude Resources.

**Brayden McDonald** graduated with honours in September 2015 with a Bachelor of Science in Geological Sciences at the University of Saskatchewan. He is currently undertaking a Masters of Science related to geochemistry at the University of Saskatchewan.